

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY091919\
 Data File : VY000075.D
 Acq On : 19 Sep 2019 14:25
 Operator : SY/MD
 Sample : K4878-02
 Misc : 6.30g/5.00ml/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-4-3

Quant Time: Sep 20 01:55:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 05:38:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	105619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	210951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	150184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	42177	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	63090	51.92	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.84%	
35) Dibromofluoromethane	7.72	113	61185	47.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.80%	
50) Toluene-d8	10.18	98	225876	45.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.06%	
62) 4-Bromofluorobenzene	12.48	95	58839	31.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	63.18%	

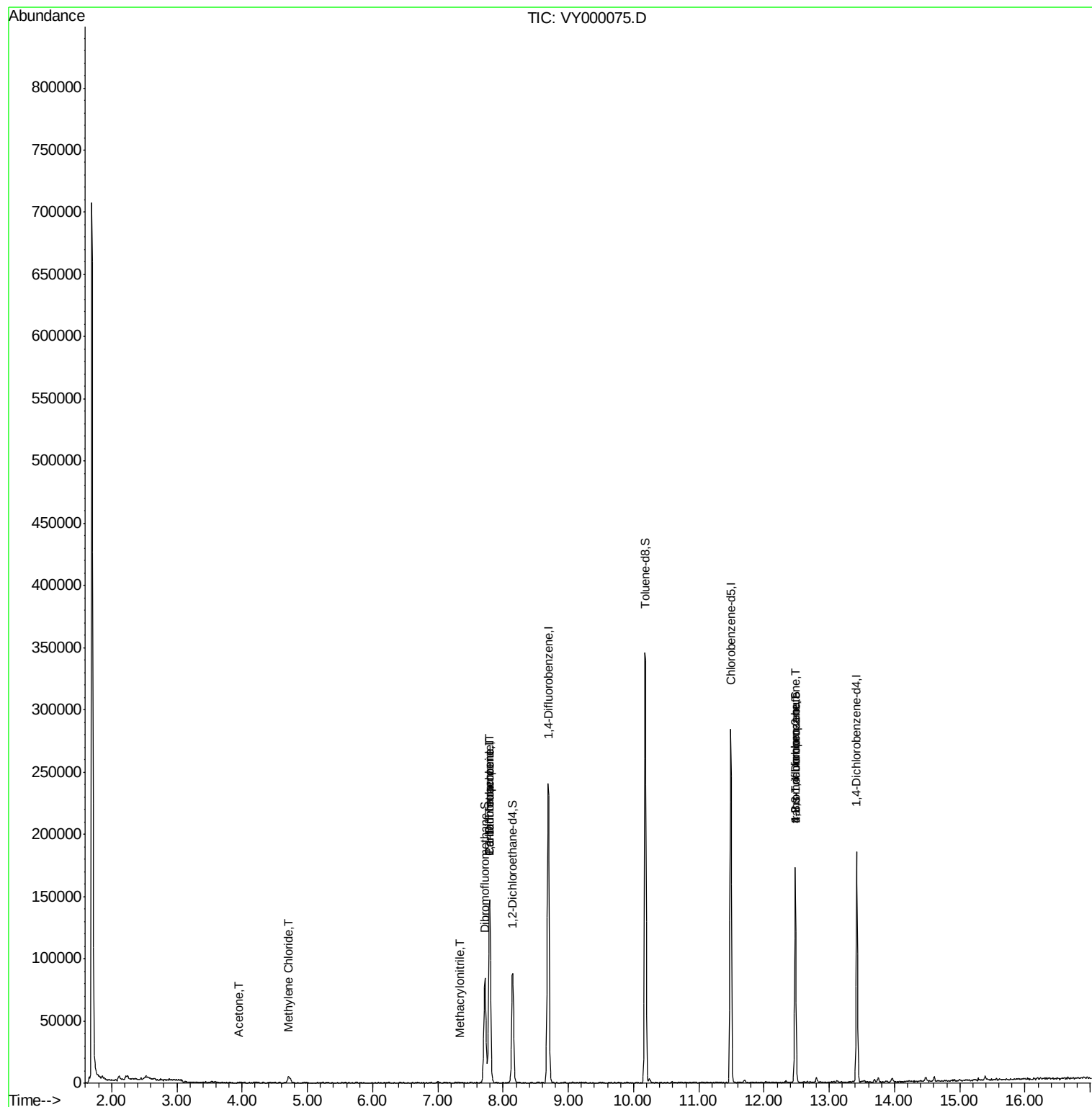
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	2084	Below Cal		92
5) Bromomethane	2.62	94	53	Below Cal	#	6
16) Acetone	3.95	43	1007	3.559	ug/l #	64
17) Carbon Disulfide	4.20	76	21	Below Cal	#	77
20) Methylene Chloride	4.71	84	3781	2.841	ug/l #	78
31) Cyclohexane	7.79	56	3035	Below Cal	#	49
36) 1,1-Dichloropropene	7.80	75	9357	5.932	ug/l #	47
38) Carbon Tetrachloride	7.80	117	11500	7.725	ug/l #	18
41) Methacrylonitrile	7.34	41	134	4.458	ug/l #	1
76) 1,2,3-Trichloropropane	12.48	75	28826	48.576	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	28826	93.423	ug/l #	19

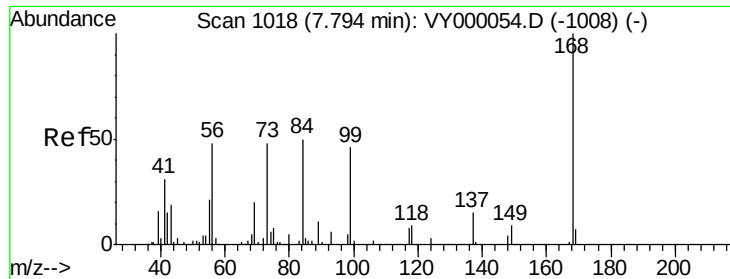
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.79 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

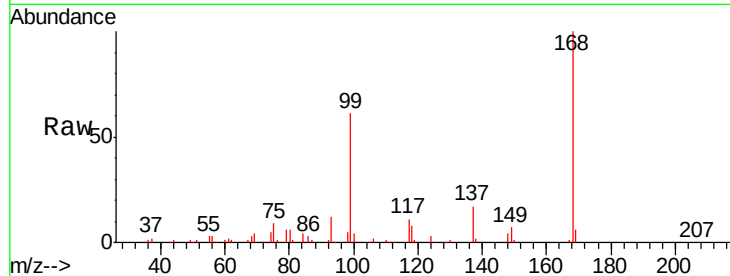
CSA-2-4-3

Tgt Ion:168 Resp: 105619

Ion Ratio Lower Upper

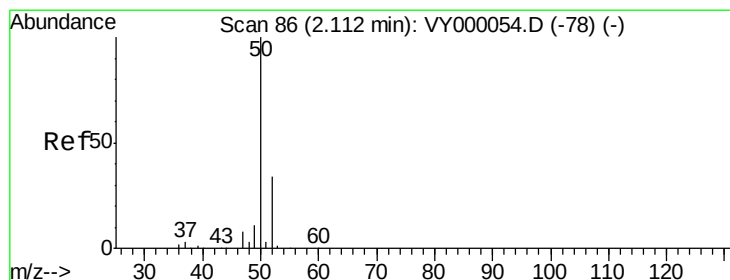
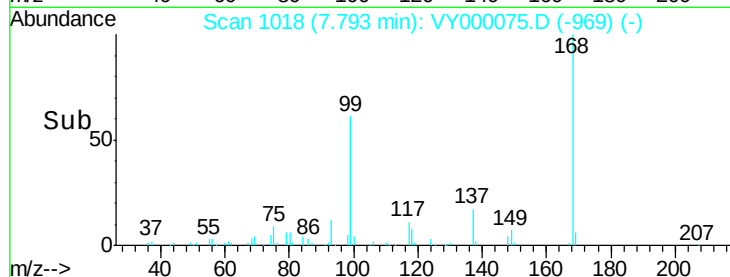
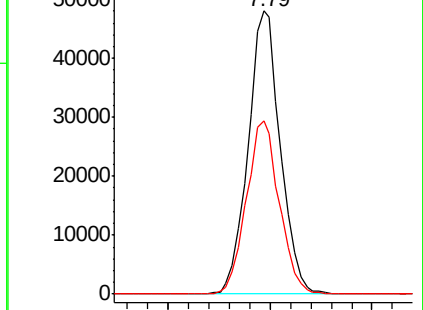
168 100

99 61.0 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): VY000075.D (-969) (-)

Ion 98.90 (98.60 to 99.60): VY000075.D (-969) (-)



#3

Chloromethane

Concen: Below Cal

RT: 2.11 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY000075.D

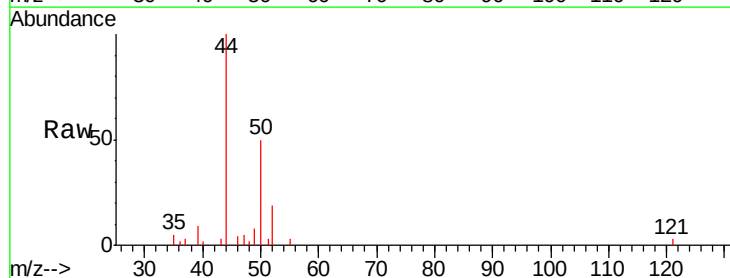
Acq: 19 Sep 2019 14:25

Tgt Ion: 50 Resp: 2084

Ion Ratio Lower Upper

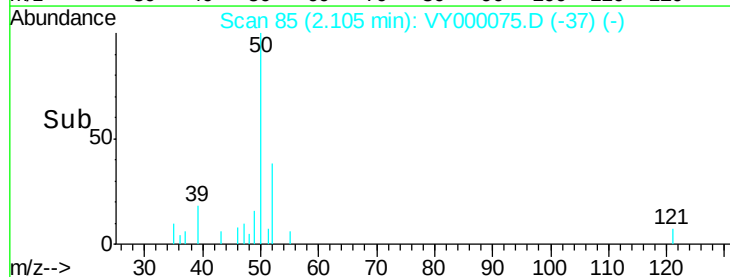
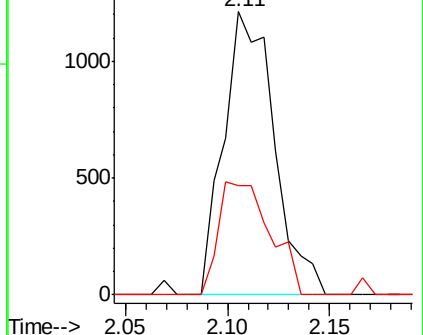
50 100

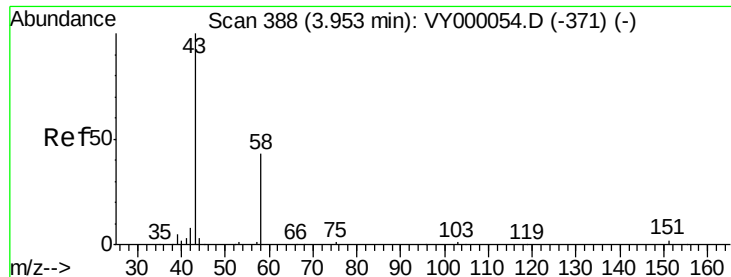
52 38.5 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VY000075.D (-37) (-)

Ion 51.90 (51.60 to 52.60): VY000075.D (-37) (-)





#16

Acetone

Concen: 3.559 ug/l

RT: 3.95 min Scan# 388

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampled :

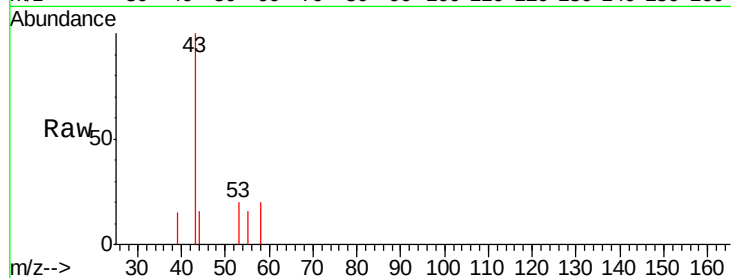
CSA-2-4-3

Tgt Ion: 43 Resp: 1007

Ion Ratio Lower Upper

43 100

58 19.9 34.5 51.7#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

600

500

400

300

200

100

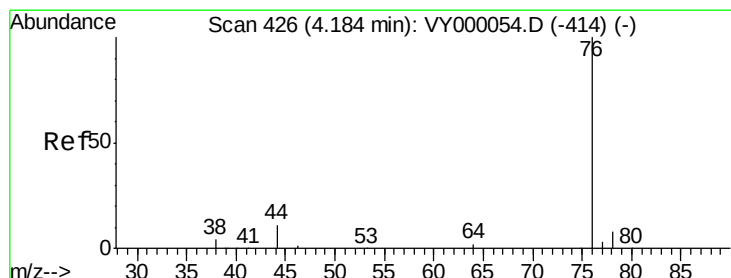
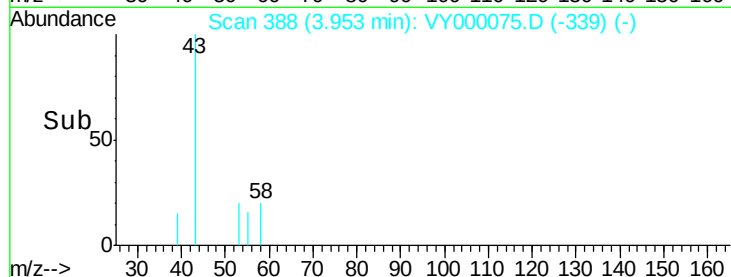
0

3.90

3.95

4.00

Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 4.20 min Scan# 428

Delta R.T. 0.01 min

Lab File: VY000075.D

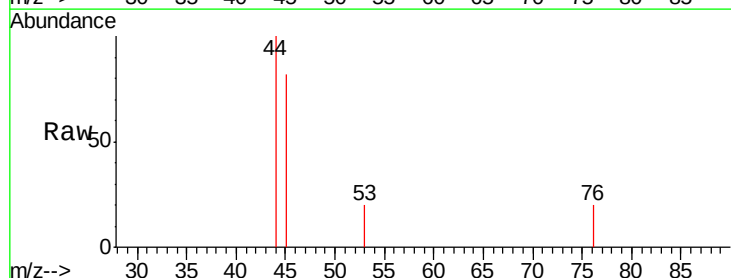
Acq: 19 Sep 2019 14:25

Tgt Ion: 76 Resp: 21

Ion Ratio Lower Upper

76 100

78 0.0 6.6 9.8#



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

60

40

20

0

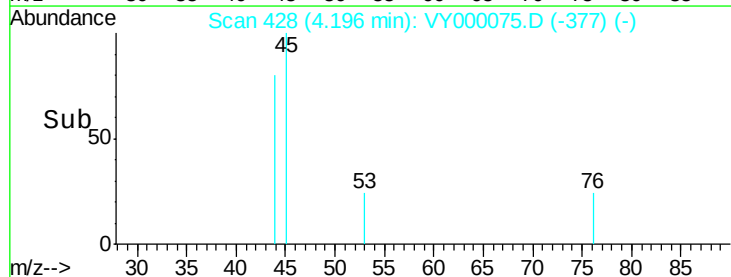
4.18

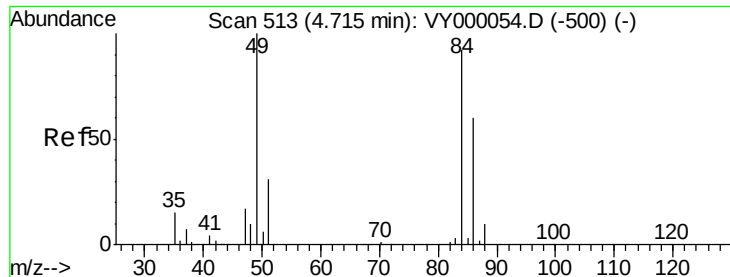
4.19

4.20

4.21

Time-->

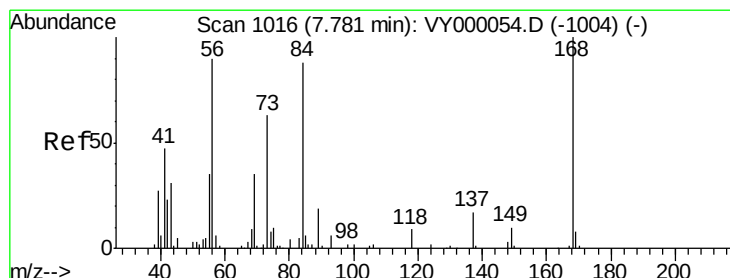
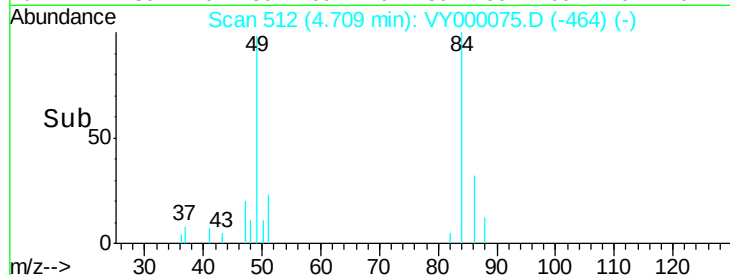
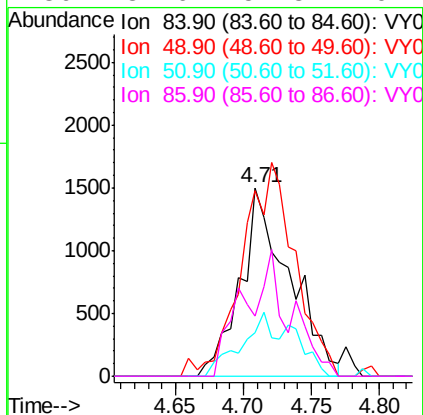
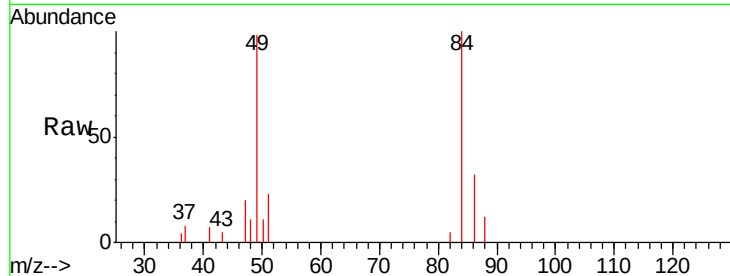




#20
Methylene Chloride
Concen: 2.841 ug/l
RT: 4.71 min Scan# 512
Delta R.T. -0.01 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

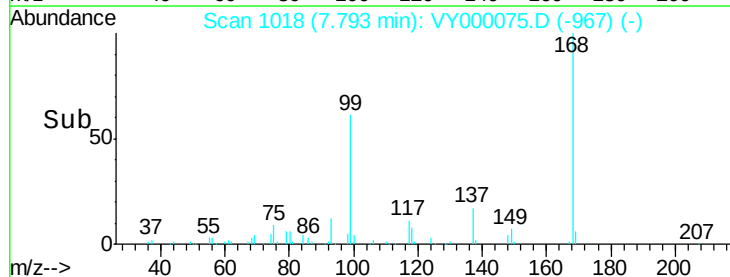
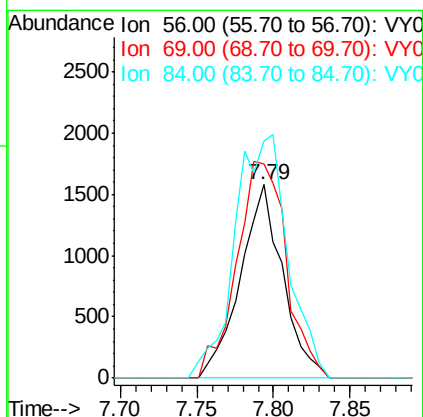
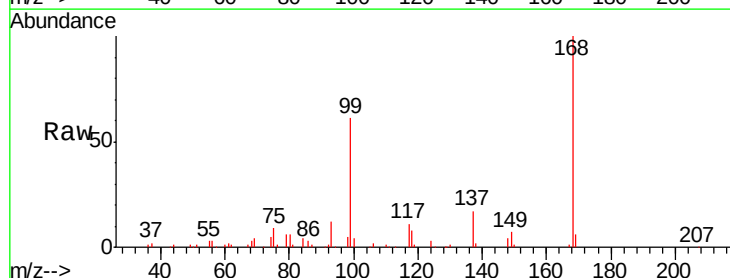
Instrument :
MSVOA_Y
ClientSampled :
CSA-2-4-3

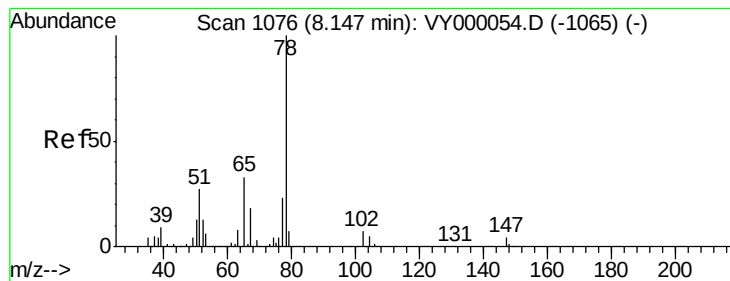
Tgt Ion: 84 Resp: 3781
Ion Ratio Lower Upper
84 100
49 98.2 87.4 131.0
51 22.8 27.2 40.8#
86 31.6 52.8 79.2#



#31
Cyclohexane
Concen: Below Cal
RT: 7.79 min Scan# 1018
Delta R.T. 0.01 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

Tgt Ion: 56 Resp: 3035
Ion Ratio Lower Upper
56 100
69 110.8 30.9 46.3#
84 122.7 78.5 117.7#





#33

1,2-Dichloroethane-d4

Concen: 51.919 ug/l

RT: 8.15 min Scan# 1076

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

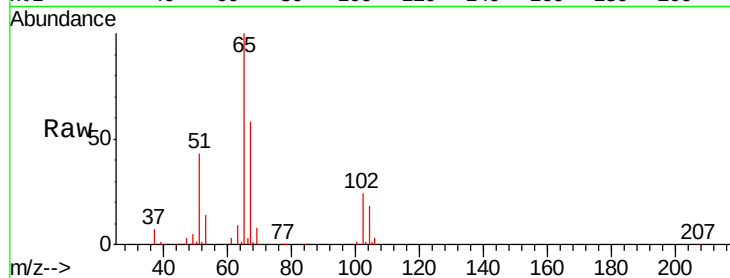
CSA-2-4-3

Tgt Ion: 65 Resp: 63090

Ion Ratio Lower Upper

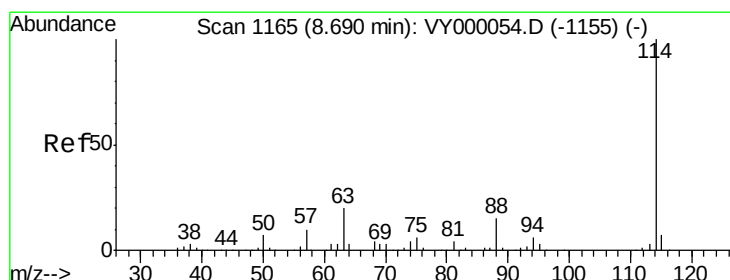
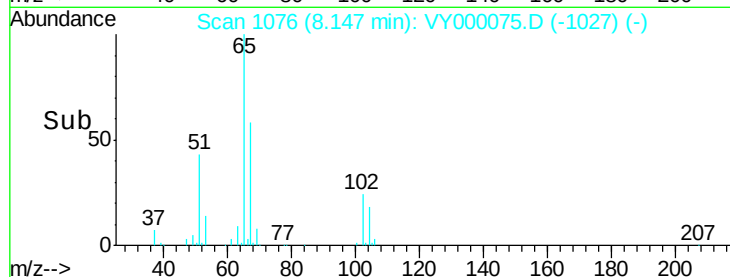
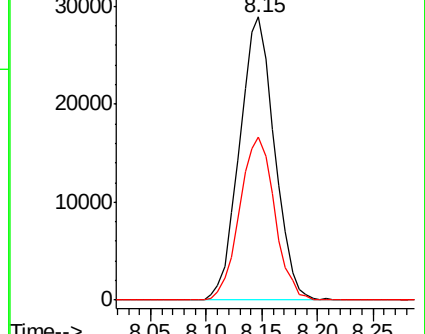
65 100

67 57.7 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1165

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

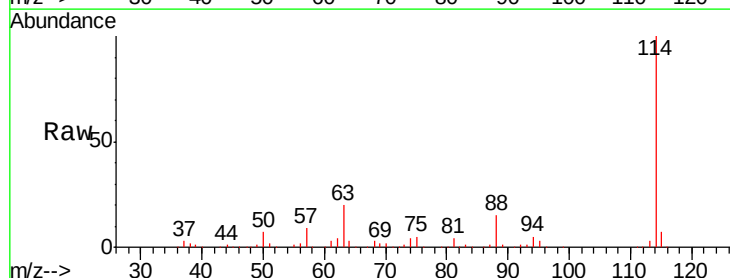
Tgt Ion: 114 Resp: 210951

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

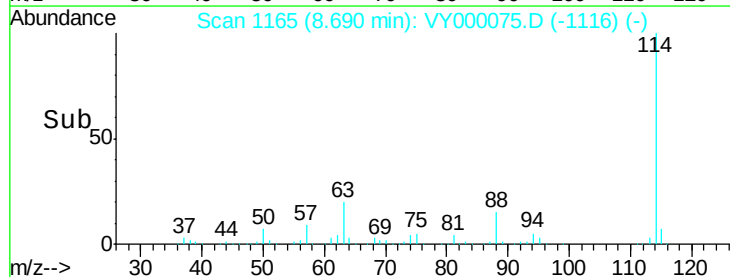
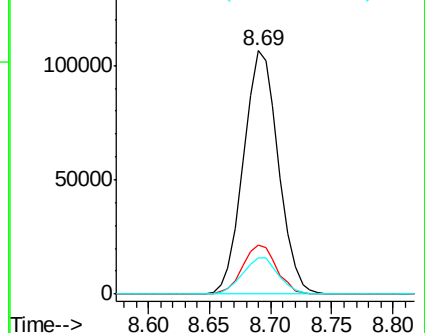
88 14.8 0.0 30.2

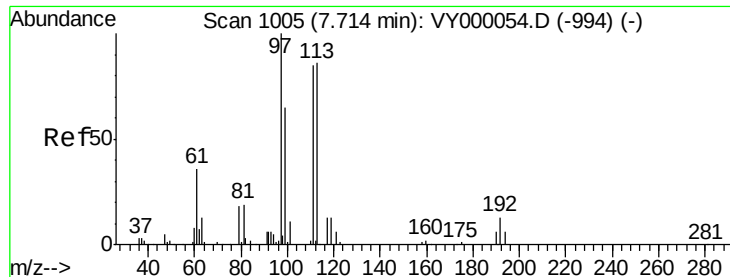


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

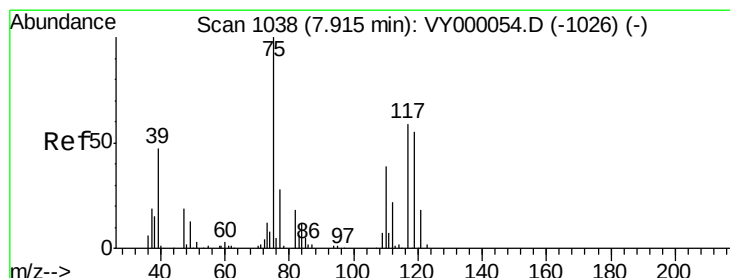
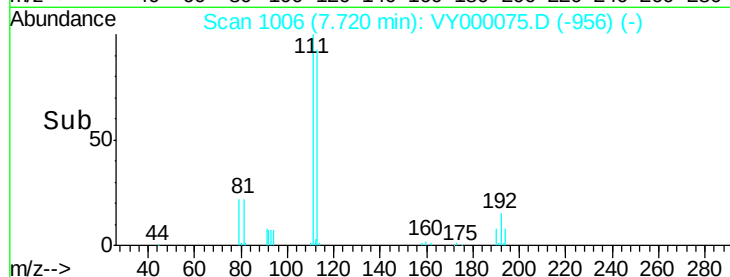
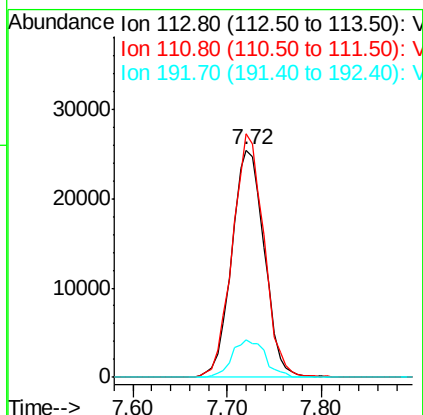
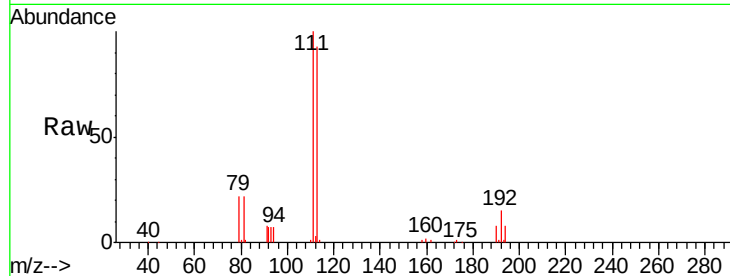




#35
 Dibromofluoromethane
 Concen: 47.904 ug/l
 RT: 7.72 min Scan# 1006
 Delta R.T. 0.01 min
 Lab File: VY000075.D
 Acq: 19 Sep 2019 14:25

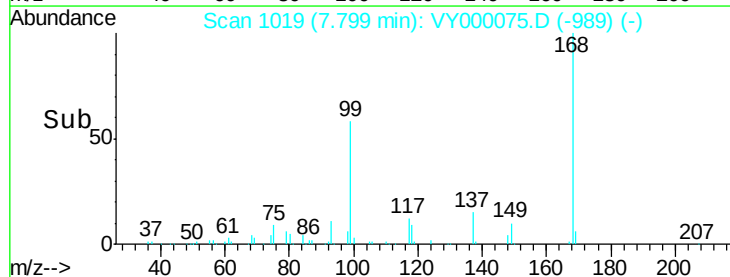
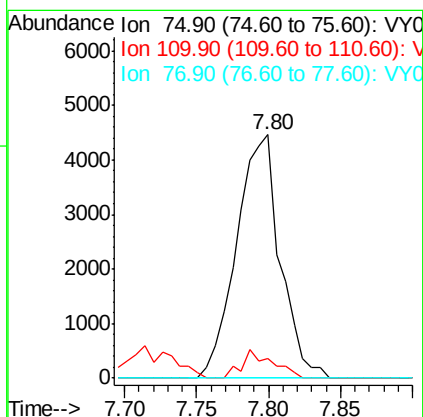
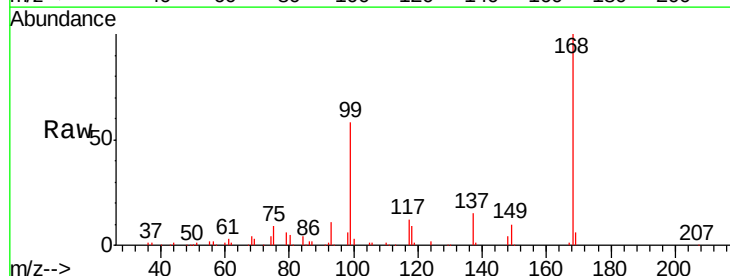
Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-4-3

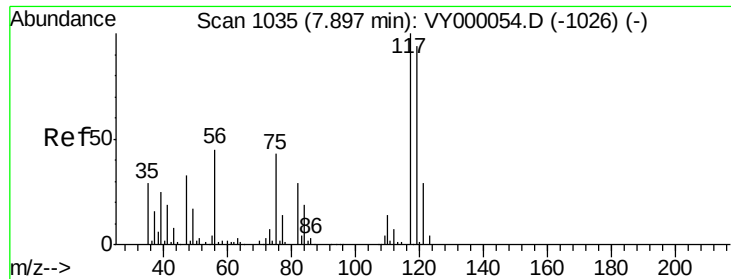
Tgt Ion: 113 Resp: 61185
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.7 122.5
 192 16.7 13.4 20.2



#36
 1,1-Dichloropropene
 Concen: 5.932 ug/l
 RT: 7.80 min Scan# 1019
 Delta R.T. -0.12 min
 Lab File: VY000075.D
 Acq: 19 Sep 2019 14:25

Tgt Ion: 75 Resp: 9357
 Ion Ratio Lower Upper
 75 100
 110 8.0 19.6 58.7#
 77 0.0 24.3 36.5#

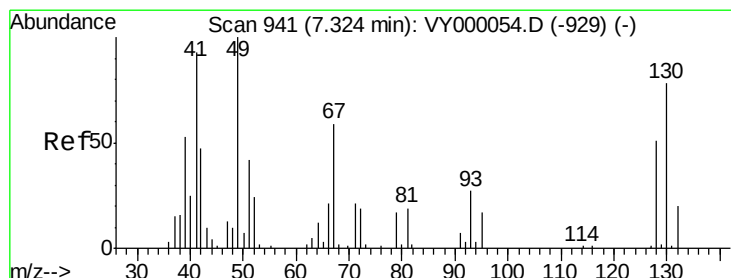
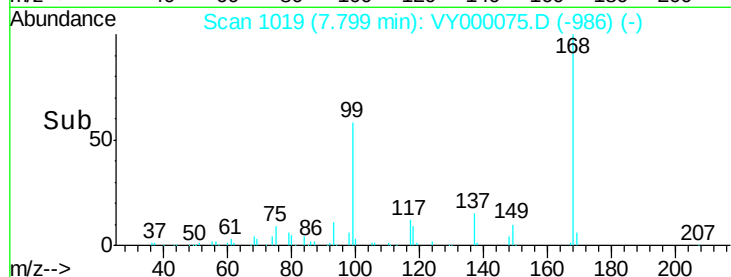
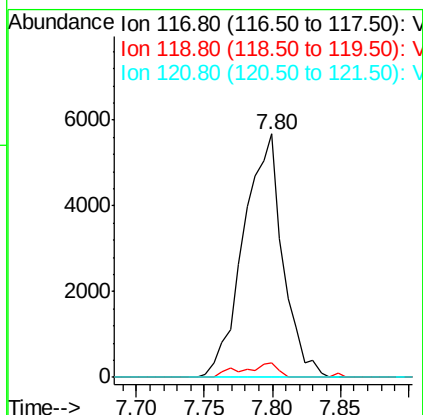
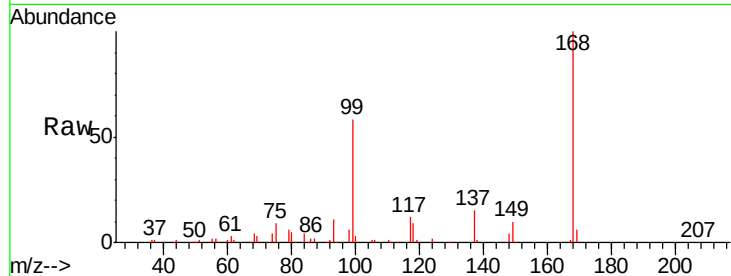




#38
Carbon Tetrachloride
Concen: 7.725 ug/l
RT: 7.80 min Scan# 1019
Delta R.T. -0.10 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

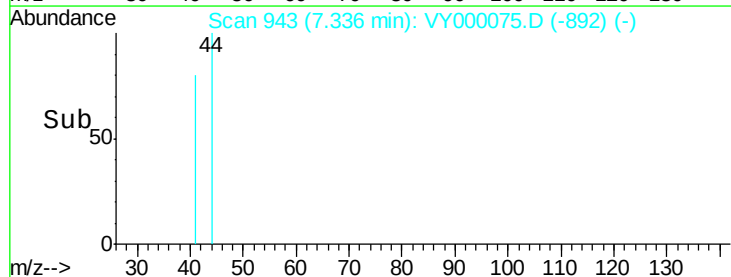
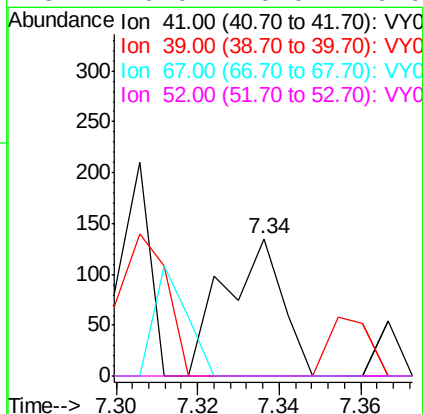
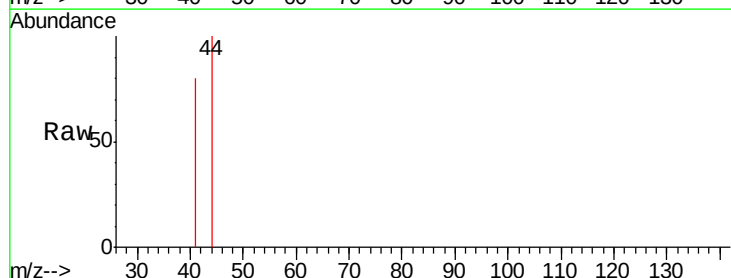
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-4-3

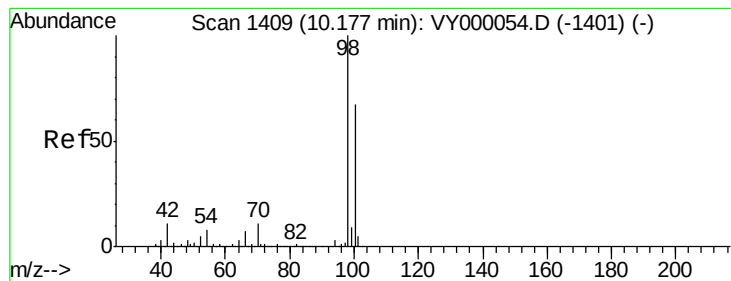
Tgt Ion: 117 Resp: 11500
Ion Ratio Lower Upper
117 100
119 6.0 75.0 112.6#
121 0.0 22.8 34.2#



#41
Methacrylonitrile
Concen: 4.458 ug/l
RT: 7.34 min Scan# 943
Delta R.T. 0.01 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

Tgt Ion: 41 Resp: 134
Ion Ratio Lower Upper
41 100
39 0.0 91.8 137.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#50

Toluene-d8

Concen: 45.025 ug/l

RT: 10.18 min Scan# 1409

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

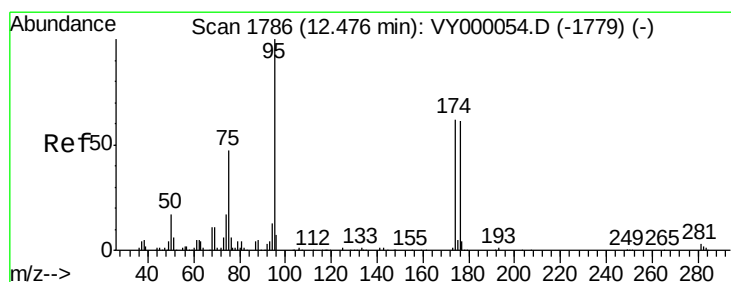
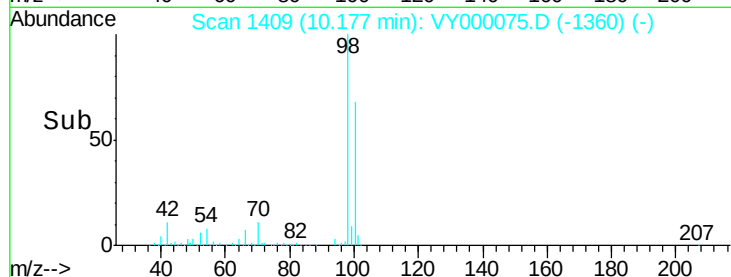
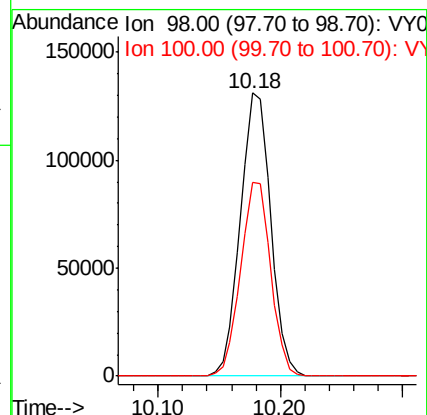
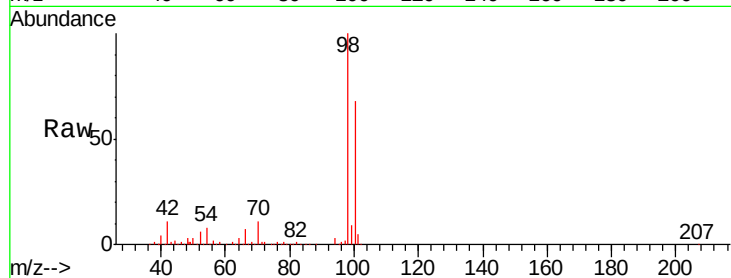
CSA-2-4-3

Tgt Ion: 98 Resp: 225876

Ion Ratio Lower Upper

98 100

100 67.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 31.590 ug/l

RT: 12.48 min Scan# 1786

Delta R.T. -0.00 min

Lab File: VY000075.D

Acq: 19 Sep 2019 14:25

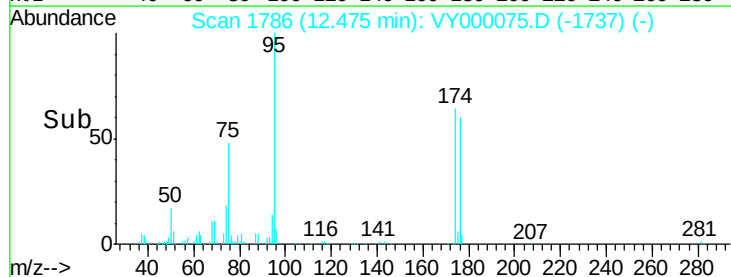
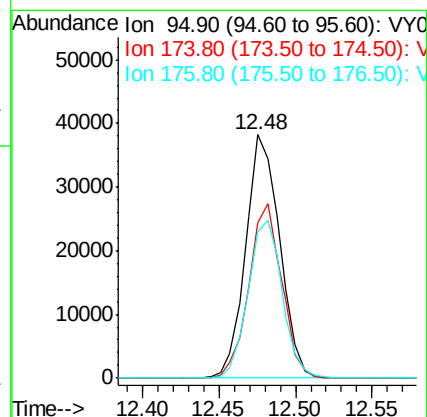
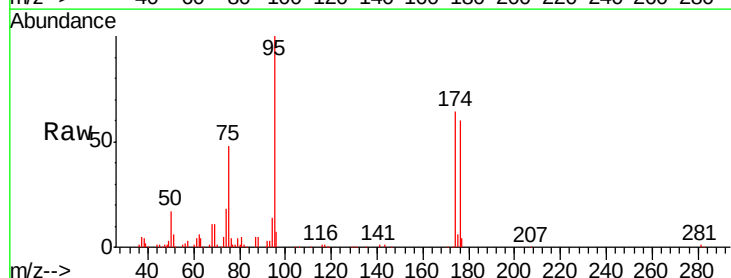
Tgt Ion: 95 Resp: 58839

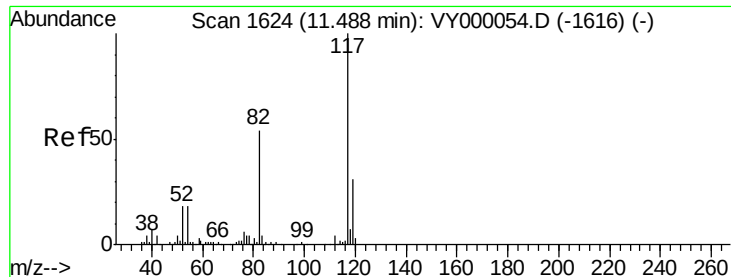
Ion Ratio Lower Upper

95 100

174 69.2 0.0 137.2

176 65.3 0.0 135.0

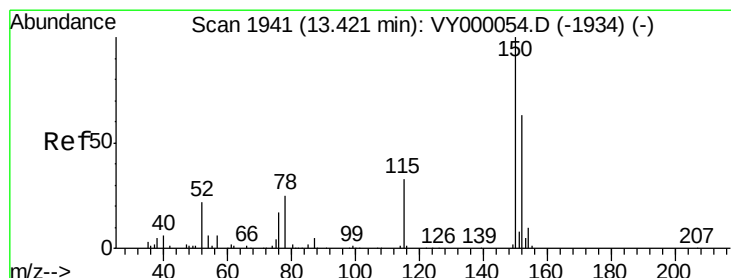
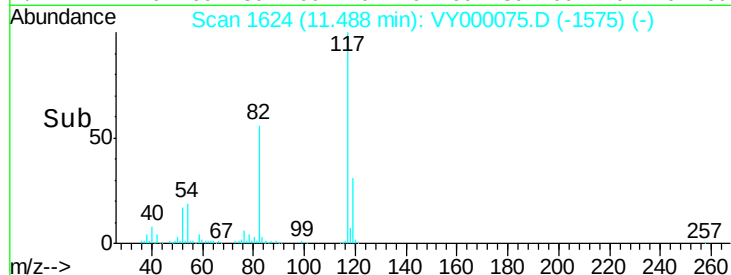
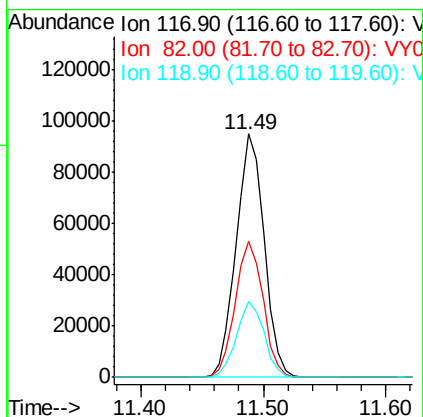
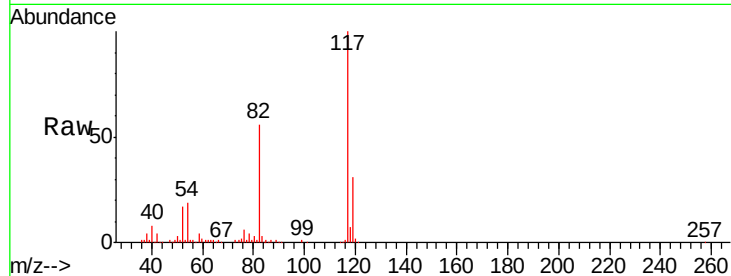




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1624
Delta R.T. -0.00 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

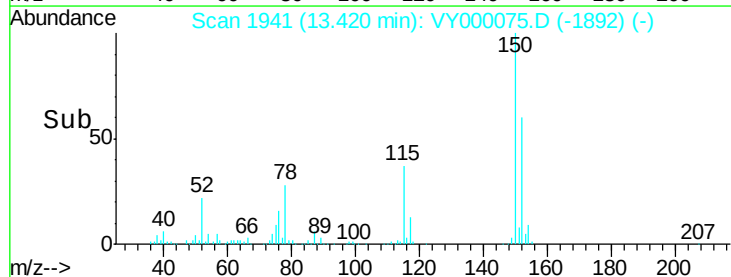
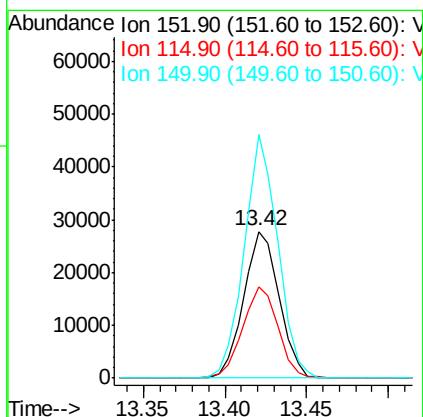
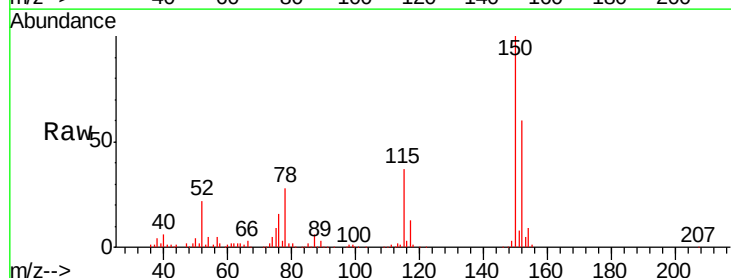
Instrument :
MSVOA_Y
ClientSampleId :
CSA-2-4-3

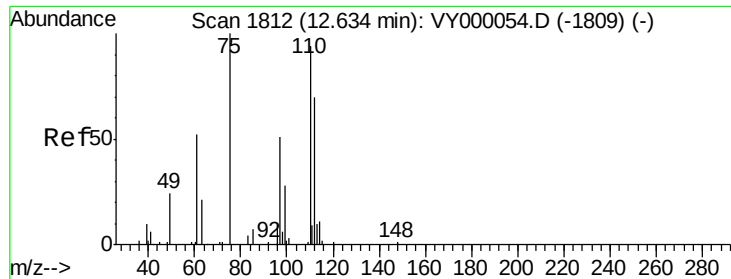
Tgt Ion:117 Resp: 150184
Ion Ratio Lower Upper
117 100
82 55.9 43.5 65.3
119 31.2 24.6 36.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1941
Delta R.T. -0.00 min
Lab File: VY000075.D
Acq: 19 Sep 2019 14:25

Tgt Ion:152 Resp: 42177
Ion Ratio Lower Upper
152 100
115 61.7 30.7 92.1
150 156.6 0.0 351.6

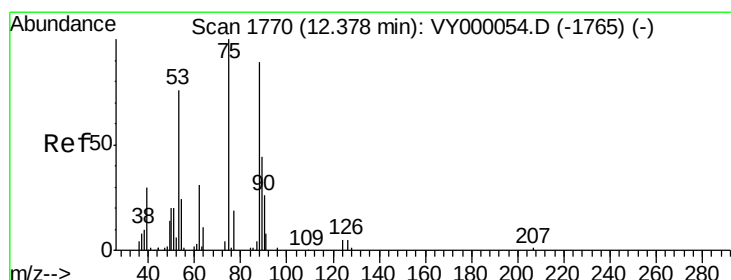
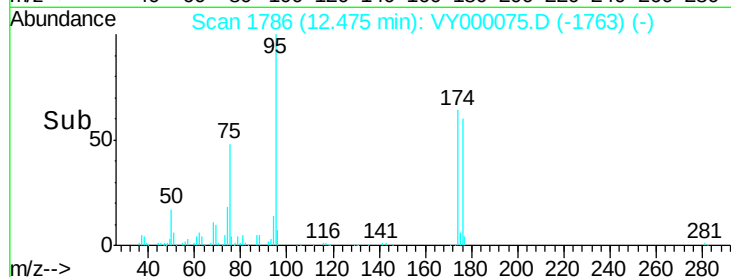
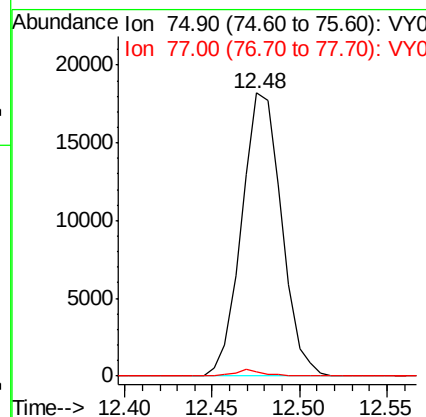
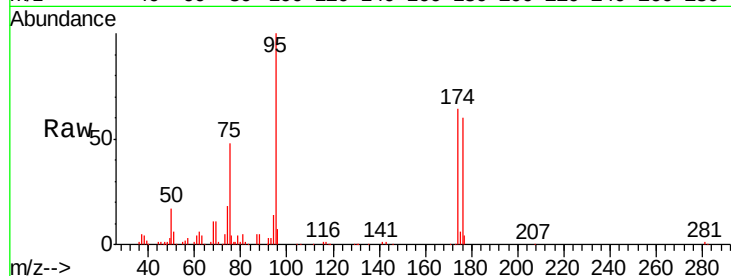




#76
 1,2,3-Trichloropropane
 Concen: 48.576 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. -0.16 min
 Lab File: VY000075.D
 Acq: 19 Sep 2019 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 CSA-2-4-3

Tgt Ion: 75 Resp: 28826
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.423 ug/l
 RT: 12.48 min Scan# 1786
 Delta R.T. 0.10 min
 Lab File: VY000075.D
 Acq: 19 Sep 2019 14:25

Tgt Ion: 75 Resp: 28826
 Ion Ratio Lower Upper
 75 100
 53 0.0 60.9 91.3#
 89 0.1 35.3 52.9#

